BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Project Division, Yelahanka Zone
B.B.M.P., Bangalore - 92

MODIFIED SCHEDULE - B

Name of the Work : Modified Estimate - 1 for Construction of Marriage Community Hall in Jakkur in Ward no.07 Byatarayanapura Kodigehalli Sub division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	13.32	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres complete as per specifications. i) Lime / Cement Concrete. I. By Manual Means :C. Prestressed / Reinforced cement concrete grade M20 & above.	Cum	1230.69	Rupees One Thousand Two Hundred Thirty And Paise Sixty Nine Only
2	23.74	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of 50m and removing the debris to a distance upto 200m.	Cum	187.86	Rupees One Hundred Eighty Seven And Paise Eighty Six Only
3	63.00	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms).	Sqm	66.23	Rupees Sixty Six And Paise Twenty Three Only
4	17.68	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a distance upto 200m.	Cum	207.12	Rupees Two Hundred Seven And Paise Twelve Only
5	372.60	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications.	Cum	189.06	Rupees One Hundred Eighty Nine And Paise Six Only
6	436.79	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 15 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00	Cum	129.34	Rupees One Hundred Twenty Nine And Paise Thirty Four Only

K. Sankar Reddy

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
7	610.74	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications.	Cum	340.79	Rupees Three Hundred Forty And Paise Seventy Nine Only
	560.75	Qty Above 125%		540.69	Rupees Five Hundred Forty And Paise Sixty Nine Only
8	48.63	Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications.	Cum	2545.68	Rupees Two Thousand Five Hundred Forty Five And Paise Sixty Eight Only
	62.32	Qty Above 125%		2925.00	Rupees Two Thousand Nine Hundred Twenty Five Only
9	48.63	Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of 15cms. thick and well compacted for foundation, including curing cost of materials labour and HOM complete as per specifications.	Cum	3734.22	Rupees Three Thousand Seven Hundred Thirty Four And Paise Twenty Two Only
	62.32	Qty Above 125%		3610.19	Rupees Three Thousand Six Hundred Ten And Paise Nineteen Only
10	161.38	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	5860.84	Rupees Five Thousand Eight Hundred Sixty And Paise Eighty Four Only
	10.69	Qty Above 125%		6143.83	Rupees Six Thousand One Hundred Forty Three And Paise Eighty Three Only
11	199.69	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	5041.99	Rupees Five Thousand Forty One And Paise Ninety Nine Only
	19.56	Qty Above 125%		5534.50	Rupees Five Thousand Five Hundred Thirty Four And Paise Fifty Only
12	78.39	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	6027.02	Rupees Six Thousand Twenty Seven And Paise Two Only

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				In Figures	In Words
13	166.71	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	118.01	Rupees One Hundred Eighteen And Paise One Only
14	610.74	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications.	Cum	152.93	Rupees One Hundred Fifty Two And Paise Ninety Three Only
	560.75	Qty Above 125%		242.04	Rupees Two Hundred Forty Two And Paise Four Only
15	117.44	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and footing , Pedestal staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, bed blocks, anchor blocks, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	7491.33	Rupees Seven Thousand Four Hundred Ninety One And Paise Thirty Three Only
	65.12	Qty Above 125%		6998.81	Rupees Six Thousand Nine Hundred Ninety Eight And Paise Eighty One Only
16	125.20	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates @0.47cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in GF level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Ground Floor	Cum	7667.14	Rupees Seven Thousand Six Hundred Sixty Seven And Paise Fourteen Only
17	106.26	First Floor	Cum	7722.89	Rupees Seven Thousand Seven Hundred Twenty Two And Paise Eighty Nine Only

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18	0.00	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @ 5175cum and fine aggregates @ 0.345cum, with superplastisiser @ 0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto GF level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Ground Floor Chijja	Sqm	549.12	Rupees Five Hundred Forty Nine And Paise Twelve Only
19	0.00	First Floor Chijja	Sqm	554.69	Rupees Five Hundred Fifty Four And Paise Sixty Nine Only
20	62.00	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	T	72982.95	Rupees Seventy Two Thousand Nine Hundred Eighty Two And Paise Ninety Five Only
21	0.00	Lift charges for steel of all diameters for additional floors over GF per floor height of 3.5 m. or part thereof cost of labour, complete as per specifications. Specification No.	T	568.38	Rupees Five Hundred Sixty Eight And Paise Thirty Eight Only
22	253.60	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications.	Sqm	278.17	Rupees Two Hundred Seventy Eight And Paise Seventeen Only
	91.84	Qty Above 125%		310.68	Rupees Three Hundred Ten And Paise Sixty Eight Only
23	259.76	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications.	Sqm	352.83	Rupees Three Hundred Fifty Two And Paise Eighty Three Only
	77.63	Qty Above 125%		431.10	Rupees Four Hundred Thirty One And Paise Ten Only
24	281.01	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Ground Floor Columns	Sqm	440.74	Rupees Four Hundred Forty And Paise Seventy Four Only
25	0.00	First Floor Columns	Sqm	446.31	Rupees Four Hundred Forty Six And Paise Thirty One Only
26	0.00	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Ground Floor	Sqm	308.28	Rupees Three Hundred Eight And Paise Twenty Eight Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
27	0.00	First Floor	Sqm	313.85	Rupees Three Hundred Thirteen And Paise Eighty Five Only
28	0.00	Providing and removing centering height more than 3.5 mtrs, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Ground Floor	Sqm	376.91	Rupees Three Hundred Seventy Six And Paise Ninety One Only
29	0.00	First Floor	Sqm	382.49	Rupees Three Hundred Eighty Two And Paise Forty Nine Only
30	0.00	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth including cost of all materials, labour complete as per specification. Ground Floor	Sqm	816.45	Rupees Eight Hundred Sixteen And Paise Forty Five Only
31	0.00	First Floor	Sqm	822.02	Rupees Eight Hundred Twenty Two And Paise Two Only
32	0.00	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specification. Ground Floor	Sqm	325.13	Rupees Three Hundred Twenty Five And Paise Thirteen Only
33	0.00	First Floor	Sqm	330.71	Rupees Three Hundred Thirty And Paise Seventy One Only
34	0.00	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Ground Floor	Sqm	572.00	Rupees Five Hundred Seventy Two Only
35	0.00	First Floor	Sqm	577.57	Rupees Five Hundred Seventy Seven And Paise Fifty Seven Only
	0.00	Qty Above 125%		631.76	Rupees Six Hundred Thirty One And Paise Seventy Six Only
36	190.99	Providing and constructing load bearing with solid concrete blocks having block density not less than 1800 kg/cum having a minimum avarage compressive strength of 4.00 Newton /sqmm conforming to I.S: 2185 (part-1): 2005 and constructed with CM 1:4 as per 2572:2005 including cost of materials, labour charges, scaffolding, curing hire charges of machinery etc., complete as per specifications KBS NO.5.4 - do - with solid concrete blocks of size 400 x 150 x 200 mm Ground Floor	Sqm	1128.34	Rupees One Thousand One Hundred Twenty Eight And Paise Thirty Four Only
37	0.00	First Floor	Sqm	1161.79	Rupees One Thousand One Hundred Sixty One And Paise Seventy Nine Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
38	0.00	Providing and constructing load bearing with solid concrete blocks with solid concrete blocks of size 400 x 100 x 200 mmhaving block density not less than 1800 kg/cum having a minimum avarage compressive strength of 4.00 Newton /sqmm conforming to I.S: 2185 (part-1): 2005 and constructed with CM 1:4 as per 2572:2005 including cost of materials, labour charges, scaffolding, curing hire charges of machinery etc., complete as per specifications Ground Floor	Sqm	862.21	Rupees Eight Hundred Sixty Two And Paise Twenty One Only
39	0.00	First Floor	Sqm	895.66	Rupees Eight Hundred Ninety Five And Paise Sixty Six Only
40	0.00	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metalcoarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mexed, concrete laid I layers not exceeding 15 cms, thick, well compacted, in foundation, plinth and cills, including cost of all machinery, curing complete as per specifications. Ground Floor	Cum	6552.05	Rupees Six Thousand Five Hundred Fifty Two And Paise Five Only
41	0.00	First Floor	Cum	6607.80	Rupees Six Thousand Six Hundred Seven And Paise Eighty Only
42	0.00	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications.	Cum	123857.99	Rupees One Lakh(s) Twenty Three Thousand Eight Hundred Fifty Seven And Paise Ninety Nine Only
43	0.00	Providing and fixing in position fully paneled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Ground Floor	Sqm	5591.10	Rupees Five Thousand Five Hundred Ninety One And Paise Ten Only
44	0.00	First Floor	Sqm	5594.45	Rupees Five Thousand Five Hundred Ninety Four And Paise Forty Five Only

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				In Figures	In Words
45	8.98	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/rn, sides and top sections 1.3 mm. thick weight 0.659 kg/rn; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/rn, shutter interlock section 40rnmx26.7mm, 1.1mm thick, weight 0.469 kg/rn. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; glass for shutters fitted with rubber beading alums mitred subdividing the frame tenonned and rivetted in the assembled frame stiffened with end clips at corners angles etc., and t per speciations. Ground Floor	Sqm	4597.64	Rupees Four Thousand Five Hundred Ninety Seven And Paise Sixty Four Only
	17.16	Qty Above 125%		4269.45	Rupees Four Thousand Two Hundred Sixty Nine And Paise Forty Five Only
46	31.89	First Floor	Sqm	4600.98	Rupees Four Thousand Six Hundred And Paise Ninety Eight Only
47	956.00	Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.	Kgs	93.93	Rupees Ninety Three And Paise Ninety Three Only
	742.00	Qty Above 125%		175.39	Rupees One Hundred Seventy Five And Paise Thirty Nine Only
48	7.18	Providing and fixing 12.5mm to 25 mm expanded metal work of 14 gauge with Mathi or Nandi wood patties of 50 mm x 12 mm size, including two coats approved paint etc., complete. (Including cost of screws).	Sqm	1386.03	Rupees One Thousand Three Hundred Eighty Six And Paise Three Only
49	0.00	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mm10mm2mm braced with flat iron diagonals 20mm5mm size, with top and bottom rails of T iron sections of 40406mm with 38mm steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10cms. c to c applying a priming coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4m1.4m	Sqm	4856.54	Rupees Four Thousand Eight Hundred Fifty Six And Paise Fifty Four Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
50	0.00	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m.	Sqm	3446.42	Rupees Three Thousand Four Hundred Forty Six And Paise Forty Two Only
51	0.00	Providing and fixing top covers made out of 20 guage M.S. sheet over pull and push rolling shutters bent to shape including cost of red lead primer coat of painting, materials, labour, HOM of machinery complete as per specifications.	Mtr	569.59	Rupees Five Hundred Sixty Nine And Paise Fifty Nine Only
52	564.01	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground Floor	Sqm	223.98	Rupees Two Hundred Twenty Three And Paise Ninety Eight Only
53	685.95	First Floor	Sqm	229.56	Rupees Two Hundred Twenty Nine And Paise Fifty Six Only
54	578.98	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	232.41	Rupees Two Hundred Thirty Two And Paise Forty One Only
	28.54	Qty Above 125%		261.24	Rupees Two Hundred Sixty One And Paise Twenty Four Only
55	606.25	First Floor	Sqm	237.99	Rupees Two Hundred Thirty Seven And Paise Ninety Nine Only
	32.52	Qty Above 125%		263.86	Rupees Two Hundred Sixty Three And Paise Eighty Six Only
56	1171.52	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications Ground Floor	Sqm	30.11	Rupees Thirty And Paise Eleven Only
57	1047.10	First Floor	Sqm	35.68	Rupees Thirty Five And Paise Sixty Eight Only
	277.62	Qty Above 125%		38.92	Rupees Thirty Eight And Paise Ninety Two Only
58	225.73	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Ground Floor	Sqm	201.10	Rupees Two Hundred One And Paise Ten Only

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59	358.72	First Floor	Sqm	206.68	Rupees Two Hundred Six And Paise Sixty Eight Only
60	467.96	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm and jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and clearning the surface, including the cost of all materials and labours etc., complete as per specification -do- using silver grey granite/Multy Red/Ruby Red/Black/Hassan Green Granite of width not less than 1200mm. Ground Floor	Sqm	3153.80	Rupees Three Thousand One Hundred Fifty Three And Paise Eighty Only
61	64.38	First Floor	Sqm	3155.47	Rupees Three Thousand One Hundred Fifty Five And Paise Forty Seven Only
	422.00	Qty Above 125%		3568.88	Rupees Three Thousand Five Hundred Sixty Eight And Paise Eighty Eight Only
62	7.15	Providing Ceramic tiles of size 30x30 cms of approved make, shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. Ground Floor	Sqm	1416.14	Rupees One Thousand Four Hundred Sixteen And Paise Fourteen Only
63	8.74	First Floor	Sqm	1417.81	Rupees One Thousand Four Hundred Seventeen And Paise Eighty One Only
64	50.41	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.. Specification No. KBS 14.16, 14.17 Colour glazed tiles 30×60cms 6mm thick with border of size 30×10cms. Ground Floor	Sqm	1787.03	Rupees One Thousand Seven Hundred Eighty Seven And Paise Three Only
65	34.59	First Floor	Sqm	1788.71	Rupees One Thousand Seven Hundred Eighty Eight And Paise Seventy One Only
66	2.00	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I/M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Pan	6177.55	Rupees Six Thousand One Hundred Seventy Seven And Paise Fifty Five Only

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67	2.00	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Pan	1540.17	Rupees One Thousand Five Hundred Forty And Paise Seventeen Only
68	2.00	Providing and fixing white vitreous china clay, flat back wash basin size 450 x 300mm with a single 15mm C.P brass pillar tap with0.1 / M.S brackets, 32mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit	3165.84	Rupees Three Thousand One Hundred Sixty Five And Paise Eighty Four Only
69	6.00	Providing and fixing C.P. brass towel rail 600mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications	Unit	854.98	Rupees Eight Hundred Fifty Four And Paise Ninety Eight Only
70	8.00	Providing and fixing 450mm dia circular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.	Unit	1042.84	Rupees One Thousand Forty Two And Paise Eighty Four Only
71	0.00	Providing 15cms x 10cms stoneware gully trap of approved quality and make fixing in CC 1:2:4 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials, fixtures and lead).	Each	325.13	Rupees Three Hundred Twenty Five And Paise Thirteen Only
72	14.00	Providing and fixing 12.5cms x 7.5cms CI Nahani trap of approved make conforming to PSI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).	Each	343.20	Rupees Three Hundred Forty Three And Paise Twenty Only
73	112.50	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal CD pipes	M	301.05	Rupees Three Hundred One And Paise Five Only
	37.50	Qty Above 125%		462.06	Rupees Four Hundred Sixty Two And Paise Six Only
74	30.00	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.	Each	192.67	Rupees One Hundred Ninety Two And Paise Sixty Seven Only

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				In Figures	In Words
75	1.00	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 litre capacity).	Nos	10195.96	Rupees Ten Thousand One Hundred Ninety Five And Paise Ninety Six Only
76	4.00	Constructing brick masonry inspection chamber 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, CI cover withframe (light duty) 600x600mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications.	Nos	10782.41	Rupees Ten Thousand Seven Hundred Eighty Two And Paise Forty One Only
77	60.00	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications.	M	863.41	Rupees Eight Hundred Sixty Three And Paise Forty One Only
78	2.00	Providing and fixing polished granite sink of size 60cms×60cms of 23cm thick, the sink portion shall be 15cm in depth of shapes oval/round/square over brick masonry in cement mortar 1:6 including cost and conveyance of all materials, labour for all items of work, HOM of equipment with all lead and lift, loading and unloading, transportion charges and all other incidential charges etc., complete as per specification and directions of the Engineer-in-charge of the work.	Each	5833.14	Rupees Five Thousand Eight Hundred Thirty Three And Paise Fourteen Only
79	0.00	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specification.	Sqm	7402.22	Rupees Seven Thousand Four Hundred Two And Paise Twenty Two Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
80	2.00	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and M.S. shutters of 31.5mm or B.G.10 thick with hinges on top and locking arrangement, painting etc., complete (for RCC over head tank and G.L.S.R.)	Each	2148.75	Rupees Two Thousand One Hundred Forty Eight And Paise Seventy Five Only
81	1171.52	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. - with primer Ground Floor	Sqm	108.38	Rupees One Hundred Eight And Paise Thirty Eight Only
82	1047.10	First Floor	Sqm	111.72	Rupees One Hundred Eleven And Paise Seventy Two Only
	277.62	Qty Above 125%		76.80	Rupees Seventy Six And Paise Eighty Only
83	225.73	Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer Ground Floor	Sqm	101.15	Rupees One Hundred One And Paise Fifteen Only
84	358.72	First Floor	Sqm	104.50	Rupees One Hundred Four And Paise Fifty Only
85	0.00	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications. Ground Floor	Sqm	34.92	Rupees Thirty Four And Paise Ninety Two Only
86	0.00	First Floor	Sqm	38.27	Rupees Thirty Eight And Paise Twenty Seven Only
87	0.00	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Ground Floor	Sqm	98.74	Rupees Ninety Eight And Paise Seventy Four Only
88	0.00	First Floor	Sqm	102.09	Rupees One Hundred Two And Paise Nine Only
89	90.00	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and brand with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of materials, labour, complete as per specifications.	Mtr	515.40	Rupees Five Hundred Fifteen And Paise Forty Only

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	Quantity.	Description	Unit	Rates	
				In Figures	In Words
90	0.00	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc., consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with proprietary water proofing compound conforming to S:2645 over the RCC slab after cleaning the surface before treatment. (b) Laying cement concrete using broken brick bats 25mm to 100mm size with 50°/c of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junctions of walls and slabs. (c) After two days of proper curing, applying a second coat of cement lurry admixed with proprietary water proofing compound (d) Finishing the surface with 20mm thick jointless cement mortar of mix 1:4 admixed with proprietary water proofing compound and finally finishing the surface with trowel and neat cement slurry and making of 300x300mm square. (e) The whole	Sqm	1088.60	Rupees One Thousand Eighty Eight And Paise Sixty Only
91	0.00	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.	Sqm	1306.56	Rupees One Thousand Three Hundred Six And Paise Fifty Six Only
92	50.00	Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using copper PVC insulated multi strand 2x1.5 Sq mm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. Short point-up to 3 Mtrs from tapping point to out let via switch.	Point	194.01	Rupees One Hundred Ninety Four And Paise One Only
93	50.00	Medium point above 3 Mtrs up to 6 Mtrs from tapping point to out let via switch	Point	273.18	Rupees Two Hundred Seventy Three And Paise Eighteen Only
94	50.00	Long point above 6 Mtrs up to 10 Mtrs from tapping point to out let via switch	Point	404.75	Rupees Four Hundred Four And Paise Seventy Five Only
95	180.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal / PVC box 1 to 3 Module	No	121.54	Rupees One Hundred Twenty One And Paise Fifty Four Only
96	184.00	Supplying 6A flush/projected type socket and 6 amps flush/projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. 6 Amps 2 Way	No	141.61	Rupees One Hundred Forty One And Paise Sixty One Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
97	193.00	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 16 Way	No	191.78	Rupees One Hundred Ninety One And Paise Seventy Eight Only
98	150000.00	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F. screws. (P.17/I.3.10 PWD,ELE -SR 2014-15)	Sqcm	0.25	Rupees And Paise Twenty Five Only
99	500.00	Supplying heavy gauge PVC conduit pipe 20mm dia confirming to IS 2509 with suitable size bends, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws.(P.2/I.1.1.1 PWD,ELE -SR 2014-15)	Rmtr	60.21	Rupees Sixty And Paise Twenty One Only
100	2.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt and charcoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as per IS1 specification 7.33 of IS 732 using 12 mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia.(P.55/I.7.1PWD,ELE -SR 2014-15)	Each	3040.61	Rupees Three Thousand Forty And Paise Sixty One Only
101	3.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete. 32 AMPS (P.45/I.6.7.2 PWD,ELE -SR 2014-15)	Each	200.70	Rupees Two Hundred And Paise Seventy Only
102	15.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF,energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required. 5-32 Amps	Each	466.07	Rupees Four Hundred Sixty Six And Paise Seven Only
103	38.00	Supply and fixing of bakelite D.P/Socket / switch with / without neon indicator over existing wood board or flush mounting in plastic plates/nitches. 16 Amps Combined switch and socket with indication	Each	216.31	Rupees Two Hundred Sixteen And Paise Thirty One Only
104	39.00	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps.	Nos	98.12	Rupees Ninety Eight And Paise Twelve Only
105	1500.00	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 4.00 Sqmm materials	Rmtr	46.94	Rupees Forty Six And Paise Ninety Four Only
106	1500.00	Wiring for lighting / power circute using one of PVC insulated 1100v/grade multies and copper conductor single core cable in open or consealed system of wiring A Group materials 2.50 Sqmm materials	Rmtr	32.56	Rupees Thirty Two And Paise Fifty Six Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
107	0.00	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match the existing wall or brackets, with bolts and nuts and a 5 amps, ceiling rose with sufficient length of 23 / 0.0076 inch PVC insulated twin core wire of approved make with wire mesh and wooden frame.	Nos	758.20	Rupees Seven Hundred Fifty Eight And Paise Twenty Only
108	0.00	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V 50Hz, AC Supply.	Nos	1895.50	Rupees One Thousand Eight Hundred Ninety Five And Paise Fifty Only
109	30.00	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminum alloy with corrosion proof resistant polyester power coated. Driver operates with voltage range from 100V to 270V 50/60 Hz with short circuit, overload & mis-wiring protection. Lumen Maintenance of 70% at 50000 Hrs. Injection moulded poly carbonate diffuser for better mechanical stability, light transmission & avoid pot hole effect. Junction temperature shall be < 70 degree Celsius. Driver is on constant current driver @ 0.06A with PF > 0.92 with line voltage @ 220-240V @ 50/60Hz, driver efficiency > 85% & THD<15%. LED Efficiency > 130 lm/W at 1W & Fixture Efficiency >75lm/w with CRI > 75 with injection moulded Polycarbonate lens with < 80mm depth. 5 years Warranty against any manufacturing defect working under standard electrical condition. GF -LED modular down light 1'x1'-36 watts	Each	7811.69	Rupees Seven Thousand Eight Hundred Eleven And Paise Sixty Nine Only
110	20.00	FF-LED modular down light 2'x2'-55 watts		10339.40	Rupees Ten Thousand Three Hundred Thirty Nine And Paise Forty Only
111	20.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws. 12"x12"x2"	Each	170.60	Rupees One Hundred Seventy And Paise Sixty Only
112	10.00	15"x12"x2"	Each	197.36	Rupees One Hundred Ninety Seven And Paise Thirty Six Only
113	10.00	20"x20"x2.5"	Each	336.73	Rupees Three Hundred Thirty Six And Paise Seventy Three Only
114	100.00	Supplying and fixing PVC/metal conduit Deep junction box 32mm deep junction box	Each	72.48	Rupees Seventy Two And Paise Forty Eight Only
115	150.00	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall	Mtr	23.42	Rupees Twenty Three And Paise Forty Two Only

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				In Figures	In Words
116	6.00	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door with necessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings confirming to IS8828. 12Way	Each	13217.21	Rupees Thirteen Thousand Two Hundred Seventeen And Paise Twenty One Only
117	20.00	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.In soil (hard)	Mtr	118.19	Rupees One Hundred Eighteen And Paise Nineteen Only
118	20.00	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.40mm	Mtr	384.68	Rupees Three Hundred Eighty Four And Paise Sixty Eight Only
119	20.00	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A. 4 core 16 sqmm	Mtr	156.55	Rupees One Hundred Fifty Six And Paise Fifty Five Only
120	14.00	Supplying Capacitor type ceiling fan complete with down rod blades shackle canopies etc for operation on 230volts 50cycles single phase AC supply confirming to ISS-374-1979 and with double ball bearing system 56" Sweep (1400mm) Regular Model-GF	Each	2696.07	Rupees Two Thousand Six Hundred Ninety Six And Paise Seven Only
121	14.00	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board together with supplying and fixing a 5 ampers ceiling rose, necessary length of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely.	Nos	264.26	Rupees Two Hundred Sixty Four And Paise Twenty Six Only
122	1.00	Supplying and Installing 1.00HP / 75 KW 10Stage Submersible Single Phase Motor	Set	14049.00	Rupees Fourteen Thousand Forty Nine Only
123	1.00	Meter and Panel Board: Supply and delivery of meter and panel board unit one number of MS box of size 300 x 120mm size fabricated out of 2mm thick sheet metal with sealable door arrangement for mounting the CTS(if any) cutouts 3 phase dia 4 wire energy meter and cable box complete. A transparent glass piece should be provided where the energy meter reading could be read b. Panel Board (1.00HP) One number of cubicle type of control panel board to operate on 50c/400/400v	Each	1527.45	Rupees One Thousand Five Hundred Twenty Seven And Paise Forty Five Only

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